

69169 U.S. PTO
08/939844

09/29/97

Class Subclass

ISSUE CLASSIFICATION

SCANNED 4

5948176

UTILITY
SERIAL
NUMBER

PATENT DATE

SEP 7 1997

PATENT
NUMBER

5948176

Am 1109

Cl 136

PARTS OF APPLICATION
FILED SEPARATELY

Applications Examiner

NOTICE OF ALLOWANCE MAILED

CLAIMS ALLOWED

3-27-99

Assistant Examiner

Total Claims

11

Print Claim

1

ISSUE FEE 60.

Amount Due

Date Paid

12/00

7/6/99

MARK CHAPMAN
PRIMARY EXAMINER

DRAWING

Sheets Drwg.

1

Figs. Drwg.

1

Print Fig.

1

ISSUE
BATCH
NUMBER

R14

Label
Area

PREPARED FOR ISSUE

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Form PTO-436A
(Rev. 8/92)

Drawings () sheets set

ISSUE FEE IN FILE

(FACE)

STAPLE

AREA

☆U.S. GOVERNMENT PRINTING OFFICE: 1998-440-769

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

136

264

APPLICATION SERIAL NUMBER

08/939844

CROSS REFERENCE(S)

CLASS

SUBCLASS
(ONE SUBCLASS PER BLOCK)

136

265

438

57

85

APPLICANT'S NAME (PLEASE PRINT)

Ramaniathan et al.

IF REISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION

H	0	1	L

31/00

GROUP
ART UNIT

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

1753

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

Mark A. Chapman

PTO 270
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE